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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

*Please Enter*  
*D. Vanore*  
*7/10/07*

Group: 2881  
Confirmation No.: 2968  
Application No.: 10/500,685  
Invention: SIMULTANEOUS ACQUISITION  
OF CHEMICAL INFORMATION  
Applicant: HIEFTJE, Gary M., and  
RAY, Steven J.  
Filed: October 1, 2004  
Attorney Docket: 29920-75460  
Examiner: David A. Vanore

FILED JANUARY 15, 2007

**AMENDMENT**

Mail Stop AF  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the November 15, 2006 official action, please amend the claims of this application as indicated beginning on the following page.